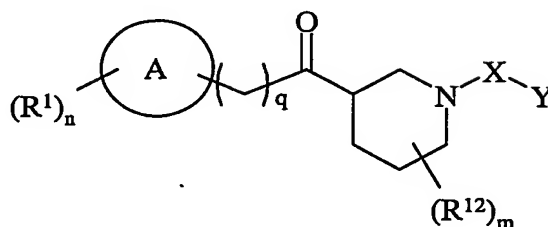


## CLAIMS

1. The use of a compound of formula (I):



5

(I)

wherein:

**Ring A** is selected from carbocyclyl or heterocyclyl; wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^9$ ;

- 10  **$R^1$**  is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl,  $C_{1-4}$ alkyl,  $C_{2-4}$ alkenyl,  $C_{2-4}$ alkynyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkanoyl,  $C_{1-4}$ alkanoyloxy,  $N$ -( $C_{1-4}$ alkyl)amino,  $N,N$ -( $C_{1-4}$ alkyl) $_2$ amino,  $C_{1-4}$ alkanoylamino,  $N$ -( $C_{1-4}$ alkyl)carbamoyl,  $N,N$ -( $C_{1-4}$ alkyl) $_2$ carbamoyl,  $C_{1-4}$ alkylS(O) $_a$  wherein  $a$  is 0 to 2,  $C_{1-4}$ alkoxycarbonyl,  $N$ -( $C_{1-4}$ alkyl)sulphamoyl,

- 15  $N,N$ -( $C_{1-4}$ alkyl) $_2$ sulphamoyl,  $C_{1-4}$ alkylsulphonylamino, carbocyclyl, heterocyclyl, carbocyclyl $C_{0-4}$ alkylene-Z- and heterocyclyl $C_{0-4}$ alkylene-Z-; wherein  $R^1$  may be optionally substituted on carbon by one or more groups selected from  $R^3$ ; and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^4$ ;

- 20  **$n$**  is 0-5; wherein the values of  $R^1$  may be the same or different;

**X** is a direct bond, -C(O)-, -S(O) $_2$ -, -C(O)NR $^{11}$ -, -C(S)NR $^{11}$ -, -C(O)O-, -C(=NR $^{11}$ )- or -CH $_2$ -; wherein  **$R^{11}$**  is selected from hydrogen,  $C_{1-4}$ alkyl, carbocyclyl and heterocyclyl;

**Y** is hydrogen,  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl, carbocyclyl or heterocyclyl; wherein **Y** may be optionally substituted on carbon by one or more  $R^2$ ; wherein if said

- 25 heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^5$ ;

**$R^2$**  is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy,  $C_{1-4}$ alkyl,  $C_{2-4}$ alkenyl,  $C_{2-4}$ alkynyl,  $C_{1-4}$ alkoxy,  $C_{1-4}$ alkanoyl,  $C_{1-4}$ alkanoyloxy,  $N$ -( $C_{1-4}$ alkyl)amino,

*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>amino, C<sub>1-4</sub>alkanoylamino, *N*-(C<sub>1-4</sub>alkyl)carbamoyl,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-4</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-4</sub>alkoxycarbonyl,  
 C<sub>1-4</sub>alkoxycarbonylamino, C<sub>1-4</sub>alkoxycarbonyl-*N*-(C<sub>1-4</sub>alkyl)amino, *N*-(C<sub>1-4</sub>alkyl)sulphamoyl,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-4</sub>alkylsulphonylamino, aminothiocabonylthio,

5 *N*-(C<sub>1-4</sub>alkyl)aminothiocabonylthio, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>aminothiocabonylthio, carbocyclyl,  
 heterocyclyl, carbocyclylC<sub>0-4</sub>alkylene-Z- and heterocyclylC<sub>0-4</sub>alkylene-Z-; wherein R<sup>2</sup> may be  
 optionally substituted on carbon by one or more groups selected from R<sup>6</sup>; and wherein if said  
 heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group  
 selected from R<sup>7</sup>;

10 R<sup>3</sup> and R<sup>6</sup> are independently selected from halo, nitro, cyano, hydroxy, amino,  
 carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C<sub>1-4</sub>alkyl,  
 C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>alkanoyloxy, *N*-(C<sub>1-4</sub>alkyl)amino,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>amino, C<sub>1-4</sub>alkanoylamino, *N*-(C<sub>1-4</sub>alkyl)carbamoyl,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-4</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-4</sub>alkoxycarbonyl,

15 C<sub>1-4</sub>alkoxycarbonylamino, C<sub>1-4</sub>alkoxycarbonyl-*N*-(C<sub>1-4</sub>alkyl)amino, *N*-(C<sub>1-4</sub>alkyl)sulphamoyl,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-4</sub>alkylsulphonylamino, carbocyclyl, heterocyclyl,  
 carbocyclylC<sub>0-4</sub>alkylene-Z- and heterocyclylC<sub>0-4</sub>alkylene-Z-; wherein R<sup>3</sup> and R<sup>6</sup> may be  
 independently optionally substituted on carbon by one or more R<sup>8</sup>; and wherein if said  
 heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group

20 selected from R<sup>13</sup>;

R<sup>4</sup>, R<sup>5</sup>, R<sup>7</sup>, R<sup>9</sup> and R<sup>13</sup> are independently selected from C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkanoyl,  
 C<sub>1-4</sub>alkylsulphonyl, C<sub>1-4</sub>alkoxycarbonyl, carbamoyl, *N*-(C<sub>1-4</sub>alkyl)carbamoyl,  
*N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, benzyl, benzyloxycarbonyl, benzoyl and phenylsulphonyl;

R<sup>8</sup> is selected from halo, nitro, cyano, hydroxy, trifluoromethoxy, trifluoromethyl,  
 25 amino, carboxy, carbamoyl, mercapto, sulphamoyl, methyl, ethyl, methoxy, ethoxy, acetyl,  
 acetoxymethyl, methylamino, ethylamino, dimethylamino, diethylamino, *N*-methyl-*N*-ethylamino,  
 acetylamino, *N*-methylcarbamoyl, *N*-ethylcarbamoyl, *N,N*-dimethylcarbamoyl,  
*N,N*-diethylcarbamoyl, *N*-methyl-*N*-ethylcarbamoyl, methylthio, ethylthio, methylsulphinyl,  
 ethylsulphinyl, mesyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl,  
 30 *N*-methylsulphamoyl, *N*-ethylsulphamoyl, *N,N*-dimethylsulphamoyl, *N,N*-diethylsulphamoyl  
 or *N*-methyl-*N*-ethylsulphamoyl;

Z is -S(O)<sub>a</sub>-, -O-, -NR<sup>10</sup>-, -C(O)-, -C(O)NR<sup>10</sup>-, -NR<sup>10</sup>C(O)-, -OC(O)NR<sup>10</sup>- or  
 -SO<sub>2</sub>NR<sup>10</sup>-; wherein a is 0 to 2; wherein R<sup>10</sup> is selected from hydrogen and C<sub>1-4</sub>alkyl;

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$R^{12}$  is hydroxy, methyl, ethyl, propyl or trifluoromethyl;

$m$  is 0 or 1;

$q$  is 0 or 1;

or a pharmaceutically acceptable salt thereof;

5 in the manufacture of a medicament for use in the inhibition of 11 $\beta$ HSD1.

2. The use of a compound according to claim 1, wherein ring A is aryl or heteroaryl; wherein if the heteroaryl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^9$  as defined in claim 1.

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3. The use of a compound according to either claim 1 or claim 2 wherein  $R^1$  is selected from halo or  $C_{1-4}$ alkyl.

4. The use of a compound according to any one of claims 1 to 3 wherein  $n$  is 0, 1, 2 or 3.

15

5. The use of a compound according to any one of claims 1 to 4 wherein X is -C(O)- or -S(O)<sub>2</sub>-.

6. The use of a compound according to any one of claims 1 to 5 wherein Y is carbocyclyl or heterocyclyl; wherein Y may be optionally substituted on carbon by one or more  $R^2$  as defined in claim 1 and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^5$  as defined in claim 1.

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7. The use of a compound according to any one of claims 1 to 5 wherein Y is hydrogen, phenyl, thienyl, isopropyl, methyl, *t*-butyl, furyl, cyclopropyl, cyclohexyl, quinolinyl, benzothienyl, 1,2,5-thiadiazolyl, morpholino, pyridyl, tetrahydrofuryl or indolyl; wherein Y may be optionally substituted on carbon by one or more  $R^2$  as defined in claim 1.

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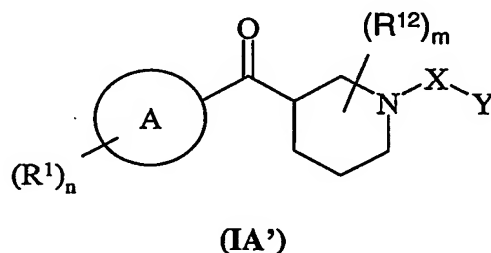
8. The use of a compound according to any one of claims 1 to 7 wherein  $R^2$  is selected from halo, cyano,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkoxy, *N*-( $C_{1-4}$ alkyl)amino or

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carbocyclyl; wherein  $R^2$  may be optionally substituted on carbon by one or more halo groups.

9. The use of a compound according to any one of claims 1 to 4 wherein X and Y together form hydrogen, *t*-butoxycarbonyl, cyclopropylcarbonyl, cyclohexylcarbonyl, 4-fluorobenzoyl, 2,5-difluorobenzoyl, 2-chlorobenzoyl, 2-cyanobenzoyl, 4-cyanobenzoyl, 4-methoxybenzoyl, 4-ethoxybenzoyl, 4-isopropoxybenzoyl, 4-*t*-butoxybenzoyl, 4-difluoromethoxybenzoyl, 2-trifluoromethoxybenzoyl, 3-trifluoromethoxybenzoyl, 4-trifluoromethoxybenzoyl, 4-methylaminobenzoyl, 4-fluorobenzylcarbonyl, thien-2-ylcarbonyl, 5-chlorothien-2-ylcarbonyl, fur-2-ylcarbonyl, 5-trifluoromethylfur-2-ylcarbonyl, morpholinocarbonyl, 1,2,5-thiadiazol-3-ylcarbonyl, quinolin-2-ylcarbonyl, quinolin-3-ylcarbonyl, pyrid-2-ylcarbonyl, tetrahydrofur-2-ylcarbonyl, indol-6-ylcarbonyl, benzothien-2-ylcarbonyl, isopropylsulphonyl, 4-fluorophenylsulphonyl, 2-trifluoromethylphenylsulphonyl or thien-2-ylsulphonyl.
10. The use of a compound according to any one of claims 1 to 9 wherein  $R^{12}$  is hydroxy, methyl, ethyl or trifluoromethyl.
11. The use of a compound according to any one of claims 1 to 10 wherein *m* is 1.
12. The use of a compound according to any one of claims 1 to 11 wherein *q* is 0.
13. A compound of formula (IA'):



wherein:

**Ring A** is selected from phenyl, pyridyl, thienyl, furyl or thiazolyl;

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**R<sup>1</sup>** is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C<sub>1-4</sub>alkyl, C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>alkanoyloxy, *N*-(C<sub>1-4</sub>alkyl)amino, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>amino, C<sub>1-4</sub>alkanoylamino, *N*-(C<sub>1-4</sub>alkyl)carbamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-4</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-4</sub>alkoxycarbonyl, *N*-(C<sub>1-4</sub>alkyl)sulphamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-4</sub>alkylsulphonylamino, carbocyclyl or heterocyclyl; wherein **R<sup>1</sup>** may be optionally substituted on carbon by one or more groups selected from **R<sup>3</sup>**; and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from **R<sup>4</sup>**;

10 **n** is 0-5; wherein the values of **R<sup>1</sup>** may be the same or different;

**X** is a -C(O)-, -S(O)<sub>2</sub>-, -C(O)NR<sup>11</sup>-, -C(S)NR<sup>11</sup>-, -C(O)O- or -C(=NR<sup>11</sup>)-; wherein **R<sup>11</sup>** is selected from hydrogen, C<sub>1-4</sub>alkyl, carbocyclyl and heterocyclyl;

**Y** is C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, carbocyclyl or heterocyclyl; wherein **Y** may be optionally substituted on carbon by one or more **R<sup>2</sup>**; wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from **R<sup>5</sup>**;

**R<sup>2</sup>** is a substituent on carbon and is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C<sub>1-4</sub>alkyl, C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>alkanoyloxy, *N*-(C<sub>1-4</sub>alkyl)amino, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>amino, C<sub>1-4</sub>alkanoylamino, *N*-(C<sub>1-4</sub>alkyl)carbamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-4</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkoxycarbonylamino, C<sub>1-4</sub>alkoxycarbonyl-*N*-(C<sub>1-4</sub>alkyl)amino, *N*-(C<sub>1-4</sub>alkyl)sulphamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-4</sub>alkylsulphonylamino, aminothiocarbonylthio, *N*-(C<sub>1-4</sub>alkyl)aminothiocarbonylthio, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>aminothiocarbonylthio, carbocyclyl or heterocyclyl; wherein **R<sup>2</sup>** may be optionally substituted on carbon by one or more groups selected from **R<sup>6</sup>**; and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from **R<sup>7</sup>**;

**R<sup>3</sup>** and **R<sup>6</sup>** are independently selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C<sub>1-4</sub>alkyl, C<sub>2-4</sub>alkenyl, C<sub>2-4</sub>alkynyl, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>alkanoyloxy, *N*-(C<sub>1-4</sub>alkyl)amino, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>amino, C<sub>1-4</sub>alkanoylamino, *N*-(C<sub>1-4</sub>alkyl)carbamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-4</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-4</sub>alkoxycarbonyl, C<sub>1-4</sub>alkoxycarbonylamino, C<sub>1-4</sub>alkoxycarbonyl-*N*-(C<sub>1-4</sub>alkyl)amino, *N*-(C<sub>1-4</sub>alkyl)sulphamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-4</sub>alkylsulphonylamino, carbocyclyl or heterocyclyl; wherein

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R<sup>3</sup> and R<sup>6</sup> may be independently optionally substituted on carbon by one or more R<sup>8</sup>; and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from R<sup>13</sup>;

R<sup>4</sup>, R<sup>5</sup>, R<sup>7</sup> and R<sup>13</sup> are independently selected from C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkanoyl,

5 C<sub>1-4</sub>alkylsulphonyl, C<sub>1-4</sub>alkoxycarbonyl, carbamoyl, *N*-(C<sub>1-4</sub>alkyl)carbamoyl, *N,N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, benzyl, benzyloxycarbonyl, benzoyl and phenylsulphonyl;

R<sup>8</sup> is selected from halo, nitro, cyano, hydroxy, trifluoromethoxy, trifluoromethyl, amino, carboxy, carbamoyl, mercapto, sulphamoyl, methyl, ethyl, methoxy, ethoxy, acetyl, acetoxy, methylamino, ethylamino, dimethylamino, diethylamino, *N*-methyl-*N*-ethylamino, 10 acetylamino, *N*-methylcarbamoyl, *N*-ethylcarbamoyl, *N,N*-dimethylcarbamoyl, *N,N*-diethylcarbamoyl, *N*-methyl-*N*-ethylcarbamoyl, methylthio, ethylthio, methylsulphanyl, ethylsulphanyl, mesyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, *N*-methylsulphamoyl, *N*-ethylsulphamoyl, *N,N*-dimethylsulphamoyl, *N,N*-diethylsulphamoyl or *N*-methyl-*N*-ethylsulphamoyl;

15 R<sup>12</sup> is hydroxy, methyl, ethyl, propyl or trifluoromethyl;

m is 0 or 1;

q is 0 or 1;

or a pharmaceutically acceptable salt thereof;

with the proviso that said compound is not 1-acetyl-3-(4-fluorobenzoyl)piperidine; 1-acetyl-3- 20 (4-dimethylaminobenzoyl)piperidine; 1-(4-nitrobenzoyl)-3-(4-fluorobenzoyl)piperidine; 1-(4-aminobenzoyl)-3-(4-fluorobenzoyl)piperidine; 1-acetyl-3-(4-phthalimidobenzoyl)piperidine; 1-(benzoyl)-3-(4-mesylaminobenzoyl)piperidine; 1-(*t*-butoxycarbonyl)-3-(4-aminobenzoyl)piperidine; or 1,3-dibenzoylpiperidine.

25 14. A compound according to claim 13 wherein R<sup>1</sup> is selected from halo or C<sub>1-4</sub>alkyl.

15. A compound according to either claim 13 or 14 wherein n is 0, 1, 2 or 3.

16. A compound according to any one of claims 13 to 15 wherein X is -C(O)- or - 30 S(O)<sub>2</sub>-.

17. A compound according to any one of claims 13 to 16 wherein Y is carbocyclyl or heterocyclyl; wherein Y may be optionally substituted on carbon by one or more

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$R^2$  as defined in claim 1 and wherein if said heterocyclyl contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from  $R^5$  as defined in claim 1.

- 5      18.      A compound according to any one of claims 13 to 17 wherein Y is phenyl, thienyl, isopropyl, *t*-butyl, furyl, cyclopropyl, cyclohexyl, quinolinyl or benzothienyl; wherein Y may be optionally substituted on carbon by one or more  $R^2$  as defined in claim 1.
- 10      19.      A compound according to any one of claims 13 to 18 wherein  $R^2$  is a substituent on carbon and is selected from halo, cyano,  $C_{1-4}$ alkyl or  $C_{1-4}$ alkoxy; wherein  $R^2$  may be optionally substituted on carbon by one or more halo groups.
- 15      20.      A compound according to any one of claims 13 to 19 wherein X and Y together form *t*-butoxycarbonyl, cyclopropylcarbonyl, cyclohexylcarbonyl, benzoyl, 4-fluorobenzoyl, 2,5-difluorobenzoyl, 2-chlorobenzoyl, 4-chlorobenzoyl, 2-cyanobenzoyl, 4-ethoxybenzoyl, 4-isopropoxybenzoyl, 4-difluoromethoxybenzoyl, 2-trifluoromethoxybenzoyl, 3-trifluoromethoxybenzoyl, thien-2-ylcarbonyl, 20      5-trifluoromethylfur-2-ylcarbonyl, quinoline-2-ylcarbonyl, benzothien-2-ylcarbonyl, isopropylsulphonyl, 4-fluorophenylsulphonyl or thien-2-ylsulphonyl.
- 25      21.      A compound according to any one of claims 13 to 20 wherein  $R^{12}$  is hydroxy, methyl, ethyl or trifluoromethyl.
22.      A compound according to any one of claims 13 to 21 wherein m is 1.
23.      A compound of the formula (I) as defined in claim 1 selected from:
- 30 (RS)-1-(4-fluorobenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-thienylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-cyclopropylcarbonyl-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-furylcarbonyl)-3-(4-fluorobenzoyl)piperidine;

- (RS)-1-(morpholinocarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-chlorobenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(3-trifluoromethoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(4-difluoromethoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
5 (RS)-1-(4-isopropoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-quinolincarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(4-fluorobenzenesulphonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-thienylsulphonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-isopropylsulphonyl-3-(4-fluorobenzoyl)piperidine;  
10 (RS)-1-(2-trifluoromethylbenzenesulphonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(1,2,5-thiadiazol-3-ylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(cyclohexylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-(4-fluorophenyl)acetyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(5-chloro-2-thienylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
15 (RS)-1-(4-cyanobenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(4-methoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2,5-difluorobenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(3-quinolincarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-tetrahydrofurylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
20 (RS)-1-(6-indolylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(benzothien-2-ylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(2-trifluoromethoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(4-ethoxybenzoyl)-3-(4-fluorobenzoyl)piperidine;  
(RS)-1-(5-trifluoromethylfur-2-ylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
25 (RS)-1-(4-trifluoromethoxybenzoyl)-3-(3-fluorobenzoyl)piperidine;  
(RS)-1-(2-cyanobenzoyl)-3-(3-fluorobenzoyl)piperidine;  
(RS)-1-(benzothien-2-ylcarbonyl)-3-(3-fluorobenzoyl)piperidine;  
(RS)-1-(2,5-difluorobenzoyl)-3-(3-fluorobenzoyl)piperidine;  
(RS)-1-(4-t-butoxybenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
30 (RS)-1-(4-trifluoromethoxybenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
(RS)-1-(4-methylaminobenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
(RS)-1-(2-cyanobenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
(RS)-1-(4-ethoxybenzoyl)-3-(3,4-difluorobenzoyl)piperidine;



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- (RS)-1-(2,5-difluorobenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
 (RS)-1-(2-tetrahydrofurylcarbonyl)-3-(3,4-difluorobenzoyl)piperidine;  
 (RS)-1-(2-pyridylcarbonyl)-3-(4-fluorobenzoyl)piperidine;  
 (RS)-1-(2-cyanobenzoyl)-3-(4-fluorobenzoyl)piperidine;  
 5 (RS)-1-(4-t-butoxybenzoyl)-3-(3-fluorobenzoyl)piperidine;  
 (RS)-1-(2-trifluoromethoxybenzoyl)-3-(3-fluorobenzoyl)piperidine;  
 (RS)-1-(4-ethoxybenzoyl)-3-(3-fluorobenzoyl)piperidine;  
 (RS)-1-(benzothien-2-ylcarbonyl)-3-(3,4-difluorobenzoyl)piperidine;  
 (RS)-1-(2-trifluoromethoxybenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
 10 (RS)-1-(4-methoxybenzoyl)-3-(3,4-difluorobenzoyl)piperidine;  
 (RS)-1-(t-butyloxycarbonyl)-3-(3-fluorobenzoyl)piperidine;  
 (RS)-1-(t-butyloxycarbonyl)-3-(3,4-difluorobenzoyl)piperidine;  
 (RS)-1-(t-butyloxycarbonyl)-3-(4-fluorobenzoyl)piperidine;  
 (R)- or (S)-1-cyclohexylcarbonyl-3-(4-fluorobenzoyl)piperidine;  
 15 (S)- or (R)-1-cyclohexylcarbonyl-3-(4-fluorobenzoyl)piperidine;  
 cis-1-(4-fluorobenzoyl)-2-methyl-3-(4-fluorobenzoyl)piperidine; and  
 cis-1-(4-fluorobenzoyl)-2-methyl-3-(4-methoxybenzoyl)piperidine;  
 or a pharmaceutically acceptable salt thereof.

20 24. A pharmaceutical composition, which comprises a compound of formula (IA'), or a pharmaceutically acceptable salt thereof, as claimed in claim 13, in association with a pharmaceutically-acceptable diluent or carrier.

25 25. A compound of the formula (IA'), or a pharmaceutically acceptable salt thereof, as claimed in claims 13, for use in a method of prophylactic or therapeutic treatment of a warm-blooded animal, such as man.

26. A compound of the formula (IA'), or a pharmaceutically acceptable salt thereof, as claimed in claims 13, for use as a medicament.

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27. The use of a compound of the formula (I) or (IA'), or a pharmaceutically acceptable salt thereof, as claimed in claims 1 or 13, in the manufacture of a medicament for use in the production of an 11 $\beta$ HSD1 inhibitory effect in a warm-blooded animal, such as man.

28. The use as claimed in any one of claims 1-13 and 27 wherein production of, or producing an,  $11\beta$ HSD1 inhibitory effect refers to the treatment of metabolic syndrome.
- 5 29. The use as claimed in any one of claims 1-13 and 27 wherein production of, or producing an,  $11\beta$ HSD1 inhibitory effect refers to the treatment of diabetes, obesity, hyperlipidaemia, hyperglycaemia, hyperinsulinemia or hypertension, particularly diabetes and obesity.
- 10 30. The use as claimed in any one of claims 1-13 and 27 wherein production of, or producing an,  $11\beta$ HSD1 inhibitory effect refers to the treatment of glaucoma, osteoporosis, tuberculosis, dementia, cognitive disorders or depression.
31. A method of producing an  $11\beta$ HSD1 inhibitory effect in a warm-blooded animal, such  
15 as man, in need of such treatment which comprises administering to said animal an effective amount of a compound of formula (I), as claimed in any one of claims 1-12, or a compound of formula (IA') as claimed in claim 13, or a pharmaceutically acceptable salt thereof.